

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v36)**

1. Factor the expression  $11x^2 + 102x + 27$

2. Factor the expression  $2x^2 - 11x - 40$

3. Factor the expression  $11x^2 + 68x - 63$

4. Factor the expression  $3x^2 + 26x - 9$

5. Factor the expression  $7x^2 + 50x + 48$

6. Factor the expression  $11x^2 - 24x + 4$

7. Factor the expression  $3x^2 + 32x + 64$

8. Factor the expression  $11x^2 - 42x + 27$

9. Factor the expression  $5x^2 + 26x + 24$

10. Factor the expression  $3x^2 + 22x + 7$